The GXV3601_LL is an advanced H.264 IP camera using state–of–art high performance CMOS sensors with exceptional quality under Low Light conditions. It features cutting edge H.264, real–time video compression with excellent image clarity at even low–to–modest bandwidth, industry leading SIP/VoIP for full duplex 2–way audio and video streaming, integrated PoE, embedded analytics, and large pre–/post–event recording buffer. It has the most comprehensive peripheral support for alarm control, local storage expansion, and wireless network connection, offering sophisticated and best–in–class control flexibility and scalability. The GXV3601_LL can be managed with GSurf, Grandstream's advanced and intuitive video management software (FREE of charge) that controls up to 36 cameras simultaneously.

Feature Highlights:

- High quality CMOS progressive sensor and lens to ensure razor sharp picture quality even under low light conditions
- Support advanced real–time H.264 (with multi-streaming-rate) and Motion JPEG at D1 resolution, variable bit rate & frame rate, and video watermark
- Support sensor alarm input, relay output, USB, SD, integrated Power–over–Ethernet (802.3af), and 24 MB pre–/post–event recording buffer
- Built–in high performance streaming server to allow 10+ simultaneous viewers
- Embedded video analytics, SIP/VoIP support for full duplex two–way audio as well as video streaming to mobile phones and video phones
- Support IE and Firefox for network preview

Models	GXV3601_LL
Video Compression	H.264, JPEG, Motion JPEG
Image Sensor	Aptina 1/4" Low Light CMOS sensor, 680H x 512V digital and NTSC/PAL analog outputs, with exceptionally low noise level and low–light sensitivity
Lens Type	1/3", 3.5–8mm, F1.4, Manual–Iris, CS(optional)
Day & Night	No
Minimum Illumination (Lux)	0.05Lux at F1.2
Sensibility	11.5V/Lux–sec (550nm)
Max Video Resolution	720x480 (NTSC D1) and 720x576 (PAL D1)
Pixel Dynamic Range	82dB
Max Frame Rate in Max Resolution	30fps for NTSC D1 or VGA, 25fps for PAL D1
Video Bit Rate	32 Kbps – 2 Mbps
Video Output	BNC, Voltage 1.0Vp_P, Resistance 75Ω
Audio Input	3.5mm LINE–IN, built–in microphone
Audio Output	3.5mm LINE–OUT
Alarm Input	Yes – 1, Normal Open
Alarm Output	Yes – 1, 125VAC/0.5A, 30VAC/2A
Audio Compression	G.711, G.726
Serial Ports	RS485
IRIS Control	Manual IRIS
Embedded Analytics	Motion detection (up to 16 target areas), video loss alarm(pending)
Pre–/post–alarm Buffer	24MB
Snapshots	Triggered upon events, sent via email/FTP
Multi–streaming–rate for Preview & Recording	Yes
Security	Video watermark, HTTPS, Password
Network Port	10M/100M auto–sensing, RJ45
Network Protocol	TCP/UDP/IP, RTP/RTCP, RTSP, DHCP, PPPoE, DDNS, HTTP, HTTPS
Power over Ethernet (PoE)	Yes, IEEE 802.3af Class 3
Peripheral Ports	SD 2.0, USB 2.0
SIP/VoIP Support	Yes
Dimensions (L x W x H)	155mm x 68mm x 64mm
Weight	0.6kg
Temperature / Humidity	0° C – 45° C (32° F – 113° F) Humidity 10 – 90% RH (non – condensing)
Power Adaptor	Output: 12VDC/1A; Input:100 – 240VAC, 50 – 60Hz
Compliance	FCC Part 15, Subpart B Class B; EN 55022 Class B, EN 61000–3–2, EN 61000–3–3, EN 55024, EN 60950–1;C–tick AS/NZS CISPR 22, CISPR 24